

# INTERNATIONAL SEARCH REPORT

US2004/023567

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A01K67/02 A61K49/00 G01N33/50

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A01K A61K G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	NOBREGA MARCELO A ET AL: "A new rat model of human diabetic nephropathy" JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY, vol. 12, no. Program and Abstract Issue, September 2001 (2001-09), pages 821A-822A, XP008039426 & ASN (AMERICAN SOCIETY OF NEPHROLOGY)/ISN (INTERNATIONAL SOCIETY OF NEPHROLOGY) WORLD CONGRESS OF NEP; SAN FRANCISCO, CA, USA; OCTOBER 10-17, 2001 ISSN: 1046-6673 abstract  ----- -/-	1-15

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

26 November 2004

Date of mailing of the international search report

09/12/2004

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 01/32126 A (AREXIS AB ; GALLI L G JOAKIM (SE); LUTTMAN L HOLGER (SE)) 10 May 2001 (2001-05-10) page 2, lines 11-32 page 3, line 28 - page 4, line 7 page 5, lines 1-7	1-15
Y	BROECKEL ULRICH ET AL: "Susceptibility genes for end-organ damage. New strategies to understand diabetic and hypertensive nephropathy" NEPHROLOGY DIALYSIS TRANSPLANTATION, vol. 13, no. 4, April 1998 (1998-04), pages 840-842, XP008039423 ISSN: 0931-0509 page 841, right-hand column, paragraph 1	1-15
Y	GALLI JOAKIM ET AL: "Pathophysiological and genetic characterization of the major diabetes locus in GK rats" DIABETES, vol. 48, no. 12, December 1999 (1999-12), pages 2463-2470, XP002307636 ISSN: 0012-1797 the whole document	1-15
A	BROWN D M ET AL: "RENAL DISEASE SUSCEPTIBILITY AND HYPERTENSION ARE UNDER INDEPENDENT GENETIC CONTROL IN THE FAWN-HOODED RAT" NATURE GENETICS, NEW YORK, NY, US, vol. 12, no. 12, 1996, pages 44-51, XP000907186 ISSN: 1061-4036 figure 1	1-15
P, X	NOBREGA MARCELO A ET AL: "Initial characterization of a rat model of diabetic nephropathy." DIABETES, vol. 53, no. 3, March 2004 (2004-03), pages 735-742, XP002307168 ISSN: 0012-1797 the whole document	1-15

# INTERNATIONAL SEARCH REPORT

Information on patent family members

US2004/023567

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0132126	A	10-05-2001	US 2002035733 A1	21-03-2002
			AU 1322201 A	14-05-2001
			CA 2389852 A1	10-05-2001
			EP 1228094 A2	07-08-2002
			JP 2003512852 T	08-04-2003
			WO 0132126 A2	10-05-2001